Sample Survey Questions for Data Collection:

Here are some survey questions to help gather feedback from users for each element of the AEIOU framework:

A. Activities

1. **Which tasks do you find most difficult when learning to identify notes on a staff?**
   - Identifying notes on the treble clef
   - Identifying notes on the bass clef
   - Recognizing accidentals (sharps and flats)
   - Ledger lines (notes above or below the staff)
2. **When identifying chords what is most challenging?**
   - Identifying quality of chords
   - Identifying the inversion of the chord
   - Identifying the letter name of the chord (What 3 notes a chord makes)
3. **Do you feel the need for a timing component as you progress?**
   - Yes, it helps me learn faster.
   - No, it adds too much pressure.
   - I'm indifferent.

B. Environments

1. **Where do you usually practice music theory or note identification?**
   - At home
   - In a music classroom
   - On the go (e.g., while commuting, during breaks)
   - Other (please specify)
2. **What device do you primarily use to practice note identification?**
   - Mobile device
   - PC
   - Tablet
   - MIDI keyboard connected to a device

C. Interactions

1. **Which input method would you prefer for note identification?**
   - MIDI keyboard
   - Clicking on screen
   - Both
2. **How important is it for you to receive immediate feedback when you make a mistake?**
   - Very important
   - Somewhat important
   - Not important

D. Objects

1. **Would you like to have visual aids (e.g., colors, highlighted keys) to help you identify notes on the staff?**

- o Yes
- o No

2. **Which features would enhance your learning experience? (select all that apply)**
   - o Display of hand placement (left or right)
   - o Progress tracking (e.g., scores, badges)
   - o Ability to repeat exercises before moving on
   - o Others (please specify)

E. Users

1. **What is your current level of sight reading?**
   - o Beginner (I'm just learning to sight read for piano)
   - o Intermediate (I can read and play the notes but need to think it through)
   - o Advanced (I'm comfortable sight reading at a fast pace)

2. **What motivates you to keep learning?**
   - o Rewards and progress tracking
   - o Immediate feedback
   - o Clear instructions and explanations

   - o Others (please specify)